



Memorandum

To: Honorable Mayor Maso and Members of the Frisco City Council

cc: George Purefoy, City Manager
Ron Patterson, Assistant City Manager
Elizabeth Metting, P.E., Asst. Director/City Engineer
Jason Brodigan, P.E., Sr. Civil Engineer

From: David L. Chacon, P.E., Civil Engineer

Date: May 19, 2009

Subject: Consider and act upon authorization for the City Manager to execute Change Order Number One to the Standard Form Agreement for Construction Services by and between the City of Frisco and SJ Louis Construction of Texas, LTD, for the construction of Panther Creek Sewer Interceptor, Phase 1 (Lines A & C)

Action Requested: City Council consideration and approval of authorization for the City Manager to execute Change Order Number One to the Standard Form Agreement for Construction Services by and between the City of Frisco and SJ Louis Construction of Texas, LTD of Mansfield, Texas, in the amount of (\$178,580.77), for the construction of Panther Creek Sewer Interceptor, Phase 1 (Lines A & C).

Background Information: City Council awarded the bid for construction of Panther Creek Wastewater Interceptor (Lines A & C) to SJ Louis Contractors of Texas, LTD, at their July 15, 2008 meeting. The proposed 54" and 42" Interceptor Lines will eventually convey the wastewater flows for a large portion of the northern and central portions of Frisco. The Interceptor lines (main lines that collect wastewater from other lines and convey to the treatment plant) are essential to reducing the load to the existing Stewart Creek West Wastewater Treatment Plant (SCW WWTP), which without the project would be near or above capacity. The cost of the original contract was \$5,958,609.00.

Change Order Number One is a result of modifications to the project and deletion of Line "C" from the project. The modifications that resulted in an increase to the project cost are additional reinforcing in the top of each manhole and a minor change in the top slab to incorporate the vent piping into the concrete slab. Additional concrete encasement and stabilized backfill were also added to the contract for a creek

crossing to adjust to actual field conditions. A concrete plug in the wet well of the abandoned Panther Creek Lift Station was added. Manhole markers for offsite lines were also added to the project. Additional geotextile material was installed due to extra quantities encountered in the field.

Two issues resulted in a decrease in cost to the City. First, the property owner was unwilling to dedicate the necessary easements for Line "C"; therefore, that portion of the work is being deleted from the contract. Line "C" is a 1600-foot line intended to remove an existing lift station from service (south of Eldorado at Silverton Drive and Coralberry Drive cul-de-sac in the Preston Highlands North Estates) by constructing a gravity line from Preston Highlands North Estates to an existing 27-inch gravity line in Panther Creek. The deletion of Line "C" will provide partial credit back to the City of Frisco for the bid proposal items not constructed or not used. The contractor incurred additional costs for material restocking, and project overhead costs (such as insurance, bonds, surveying, etc.) associated with Line "C". Second, a large tree was damaged during construction; replacement with several smaller trees has been negotiated with the property owner as compensation for the damage. Because the trees will be planted by a City vendor, the cost of the replacement trees will be deducted from the contract. The cost of Change Order Number One is (\$178,580.77), with a resulting total contract cost of \$5,780,028.23.

Thirty days has been added to the contract for the additional work previously described. The notice to proceed was issued October 1, 2008 and substantial completion was achieved on April 29, 2009. The project is expected to be complete on May 29, 2009 which would be within the contract time of 240 days.

Alternatives: City Council could consider the following alternatives:

- Authorize the City Manager to execute Change Order Number One;
- Input towards the discussion as desired;
- Deny Change Order Number One and send back to staff with direction.

Financial Considerations: Execution of Change Order Number One decreases the cost of the Contract by (\$178,580.77), to a total cost of \$5,780,028.23.

Legal Review: Not Applicable.

Supporting Documents: Supporting documents include the following items:

- Project Location Map;
- Copy of Change Order Number One.

Agenda Memorandum

Change Order Number One – SJ Louis Construction of Texas, LTD.

Panther Creek Wastewater Interceptor (Lines A & C)

City Council Meeting of May 19, 2009

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Staff Recommendation: Staff recommends approval of the authorization for the City Manager to execute Change Order Number One to the Standard Form Agreement for Construction Services by and between the City of Frisco and SJ Louis Contractors of Texas LTD, in the amount of (\$178,580.77), for the construction of Panther Creek Wastewater Interceptor (Lines A & C). Staff will be present at the meeting to address the City Council's questions relating to this agenda item.